

# **CALIFORNIA WALK & BIKE TECHNICAL ADVISORY COMMITTEE**

**WEDNESDAY FEBUARY 13<sup>TH</sup>, 2019**

# Welcome & Introductions

Please share:

1. Name, Title, Agency
2. One thing you're excited to do for this President's Day weekend?

# Subcommittee Report Out

Legislative & Design

# **PROJECT DEVELOPMENT TEAM (PDT)**

**Gulalai Ahad,  
Office of Standards and Procedures - Division of Design**

February 13, 2018

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# WHAT IS A PDT?

Interdisciplinary team involved with implementation of transportation projects

Developed in response to National Environmental Policy Act of 1969 (NEPA)

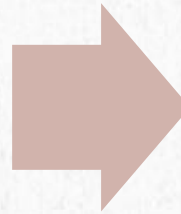
Formal PDT

Informal PDT

# PDT MEMBERS

PDT Members are determined by the Project Manager

- Internal functional disciplines
- External representatives



PDT, at minimum, include:

- Project manager
- Regional transportation planning agency(if involved)
- Program manager and/or program advisory
- District Design
- District Functional Units
  - Environmental
  - Traffic
  - Surveys
  - Construction
  - Maintenance
  - Right of Way

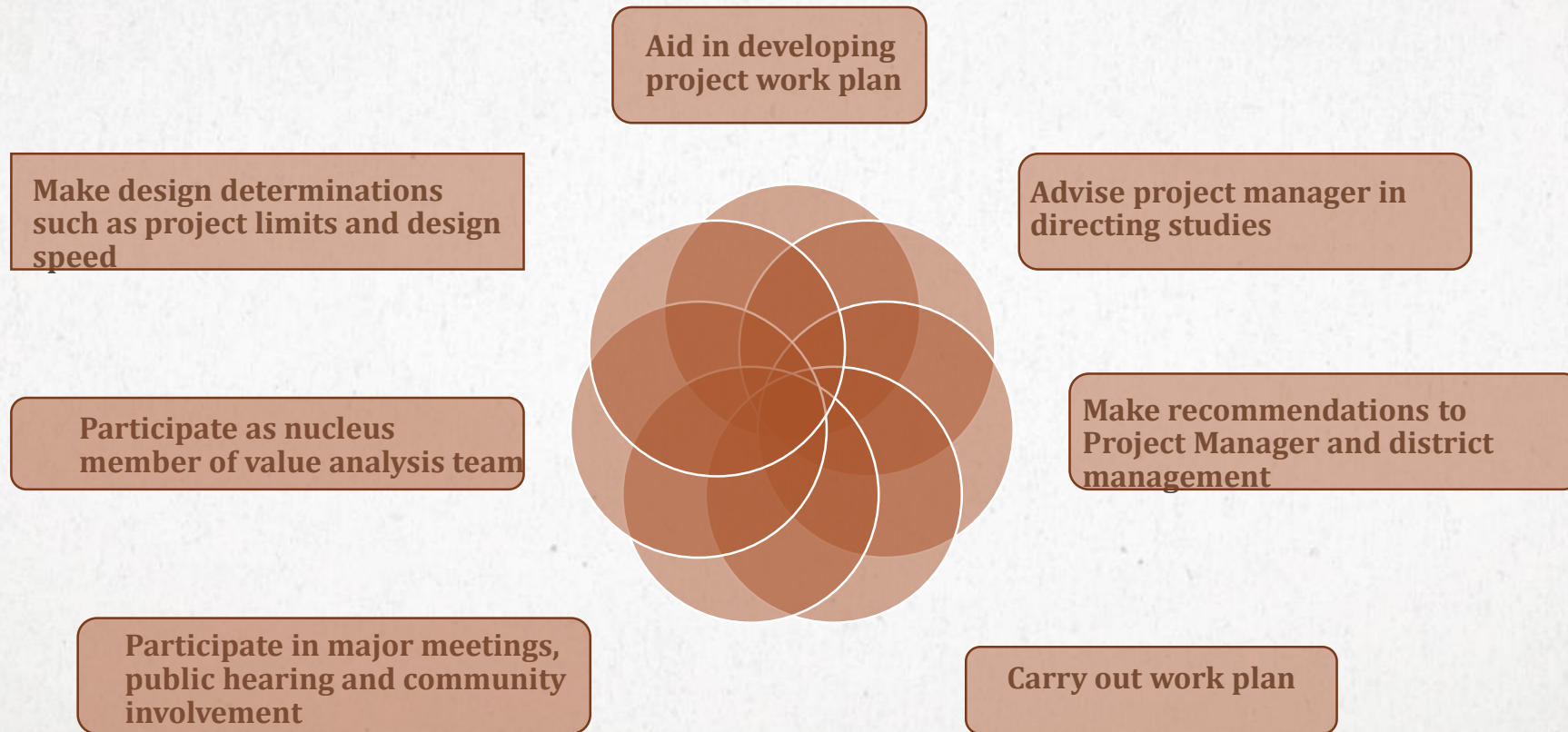


# PDT MEMBERS

PDT, on as needed basis, may include:

- Caltrans Headquarters
- Federal Highway Administration (FHWA)
- Local and Regional Agencies
- Project Sponsors for Locally Funded Projects
- Advisory Groups established by Local Agencies
- Public Members with particular expertise
- Legal

# PDT RESPONSIBILITIES





## PDT MEETING SCHEDULE

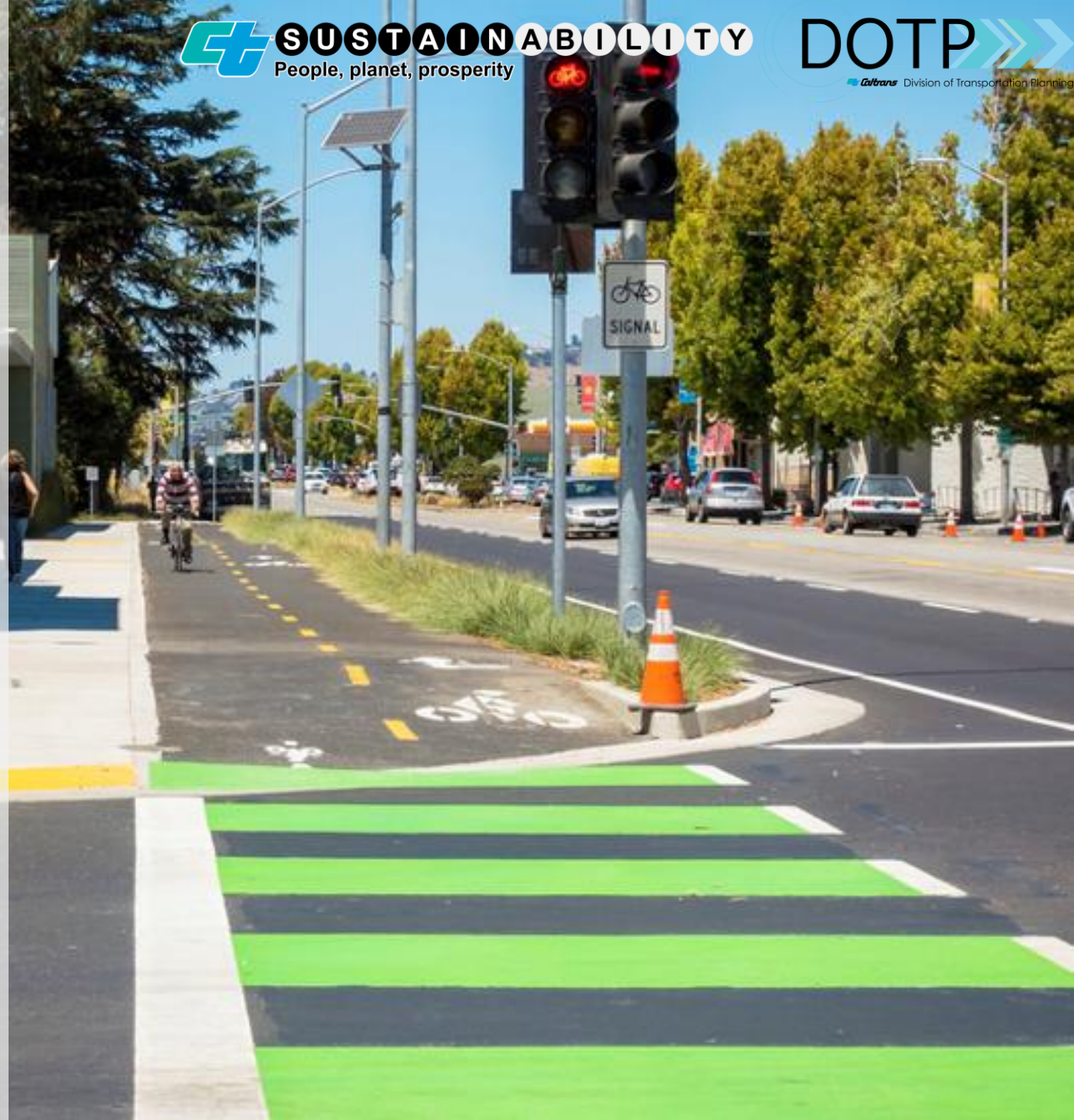
PDT meetings are held as necessary depending on complexity of project

Meeting minutes are prepared to document decisions and can be found in the project file

# Complete Streets Elements Toolbox

*Dustin Foster*  
*Acting System Planning Branch*  
*Chief*  
*Division of Transportation Planning*

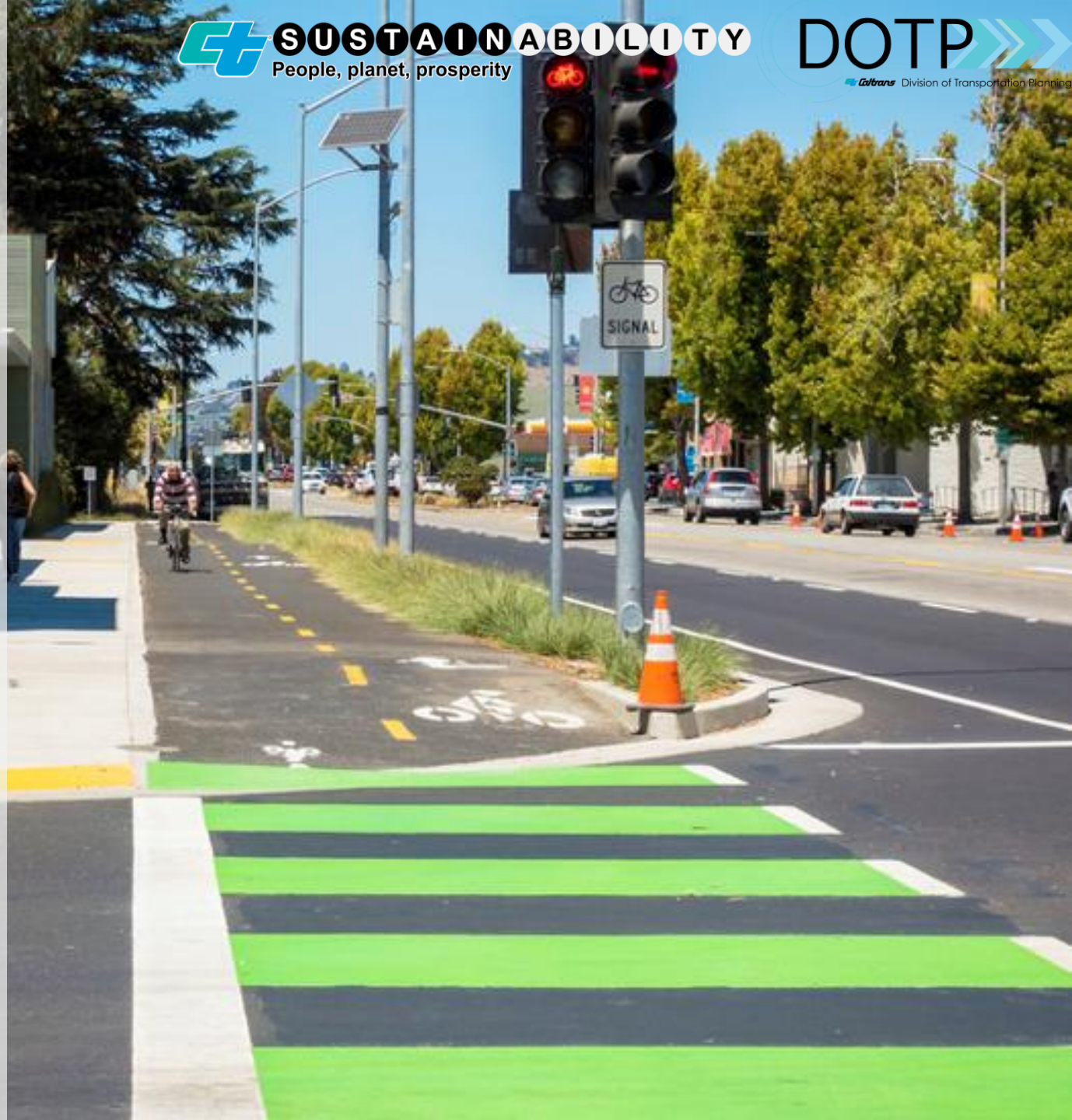
California Walk Bike  
Technical Advisory Committee





# Discussion Topics:

- Background and Purpose
- Toolbox Demonstration
- Opportunities
- Next Steps and Recommendations





# Background and Purpose



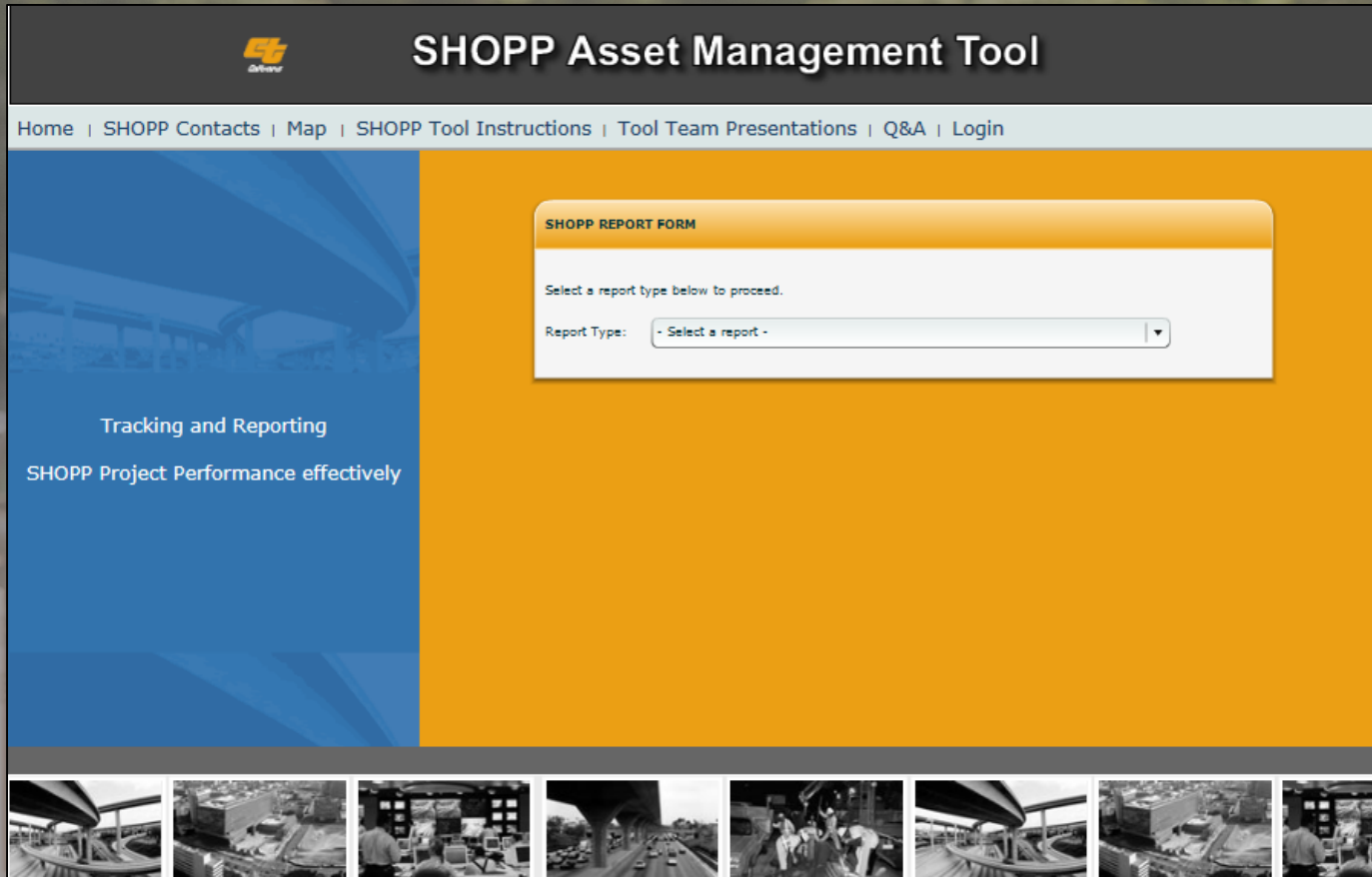
Former Governor Brown's EO B-30-15 and SB 1 both required consideration of Complete Streets in SHOPP Projects.



Strategic Management Plan Goal 4: System Performance includes performance for including Complete Streets in projects.



# Background and Purpose



**SHOPP Asset Management Tool**

Home | SHOPP Contacts | Map | SHOPP Tool Instructions | Tool Team Presentations | Q&A | Login

Tracking and Reporting  
SHOPP Project Performance effectively

**SHOPP REPORT FORM**

Select a report type below to proceed.

Report Type:

SHOPP Tool: a project development database that includes activity details for Complete Streets to incorporate into projects.



# Background and Purpose

FINAL MAY 2017



Toward an Active California includes action item M1.5: “provide a comprehensive resource on best practice bicycle and pedestrian design treatments for California”. The action to be led by Divisions of Design, Transportation Planning, and Local Assistance.





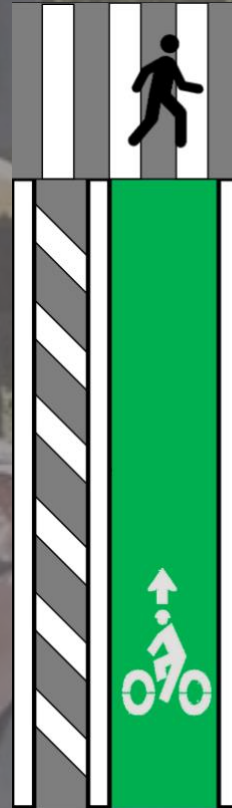
# Background and Purpose

## Complete Streets Elements Toolbox:

*A list of facilities and design options to assist in project development.*

*Includes:*

- Definitions.
- Design references.
- Pictures [preferably on the SHS]
- SHOPP Tool guidance.



## Complete Streets Elements Toolbox *Version 2.0*



Prepared by:

Smart Mobility and Active Transportation Branch  
Office of Smart Mobility and Climate Change  
Division of Transportation Planning

*Updated: July 23, 2018*



# Background and Purpose

## Complete Streets Elements Toolbox:

- 50 Complete Streets Elements
- Count Towards % and # of Complete Streets Projects and Elements for performance measurement.
- Development team included DOTP, Local Assistance, Design, Traffic Operations, Rail and Mass Transportation, 7 District Complete Streets TAC representatives.



## Complete Streets Elements Toolbox *Version 2.0*



Prepared by:

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Office of Smart Mobility and Climate Change  
Division of Transportation Planning

*Updated: July 23, 2018*





# Background and Purpose

## Development Timeline

FY 2017:  
Version 1.0  
27 elements  
[already in  
SHOPP Tool]

January-  
March:  
Conceptual  
Phase

March- June:  
Editing Phase;  
Review and  
Comment

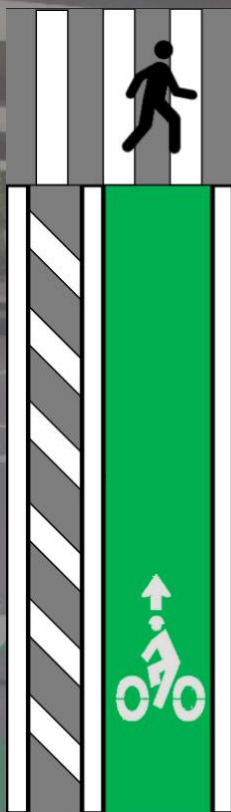
FY 2018:  
Version 2.0  
50 elements

July-September:  
CS TAC  
Subcommittee  
meetings for new  
elements

October-  
December:  
Editing Phase;  
Review and  
Comment

December- June:  
Interim  
Improvements

# Toolbox Demonstration



## Complete Streets Elements Toolbox *Version 2.0*



Prepared by:

Smart Mobility and Active Transportation Branch  
Office of Smart Mobility and Climate Change  
Division of Transportation Planning

*Updated: July 23, 2018*





# Opportunities

- Subject Matter Expertise- frequent District contact, providing guidance to project staff.
- Peer Sharing- sharing innovative project designs from one District to another.
- Analyze data to identify and highlight innovative upcoming projects.
- Incorporation into Projects!

# Opportunities

## PIDs with Complete Streets Elements 2016 SHOPP and later Cycles





# Next Steps

- Develop a website for the Toolbox with a geospatial project map
- Center of Excellence/SSTI staff to assist in evaluating 2020 SHOPP project list for high quality PIDs and Complete Streets projects.
- Planning and Design Guide



# Recommendations for Improvement from CWBTAC



# Questions, Comments and Contact



## Office of Smart Mobility and Climate Change

*From Left to Right:*

Anika Jesi, Jessica Downing, Dustin Foster [SMAT staff];  
Ali Doerr [Climate Change Branch];  
Amie Mohai [Office Student Assistant]; Christopher Nicholas,  
Lloyd Spinner [LD-IGR Branch staff]; Fahima Mashriqi,  
Jazmine Harris [Office Student Assistants];  
Ann Mahaney [SMAT Branch Chief]

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Division of Transportation Planning  
Office of Smart Mobility and Climate Change  
Smart Mobility and Active Transportation Branch



# LUNCH BREAK

Reconvene at 1pm

# Complete Streets Center of Excellence

# Formation of the Center of Excellence

- Complete Streets Deputy Directive-64 from [2008](#), updated [2014](#)
- Sustainability Program supports strategic mode shift goals and implementation of complete streets
- Conceived of a Complete Streets Center of Excellence to tackle barriers and advance this work
- Established executive steering committee to guide Center
- Recruited a “launch team” from divisions and districts to define and begin the work
- Smart Growth America will assist in the launch effort with support from Kaiser Foundation through June 2019

# Launch Team



Launch team members were nominated by district directors and HQ management

# Launch Team Roster

Name	Title	District/Division
Tamy Quigley	Active Transportation Program Manager	2
Susan Zanchi	North Branch Chief	3
Sergio Ruiz	Branch Chief, Pedestrian & Bicycle Coordinator	4
John Olejnik	Senior Transportation Planner	5
Mike Lew	Senior Transportation Engineer	5
Darron Hill	Senior Transportation Engineer	5
Gurjot Gill	Senior Transportation Engineer	6
Marco Sanchez	Branch Chief	6
John Liu	Deputy District Director	6
Pedro Ramirez	District 6 Bicycle & Complete Streets Coordinator, ATP	6
Kevin Atassi	Transportation Engineer	7
Reyna Baeza-Oregel	Landscape Associate (lead for the Division of Planning)	8
Lynn O'Connor	Office Chief	10
W. Mike Nichols	Senior Transportation Engineer (Acting)	11
Seth Cutter	Senior Transportation Planner	11
Marlon Regisford	Senior Transportation Planner	12
Rebecca Mowry	Senior Transportation Engineer	HQ Design
Ann Mahaney	Branch Chief	HQ Planning
Lara Justine	Senior Landscape Architect	HQ Landscape



# Pre-convening Launch Team Interviews

Sustainability and SGA staff conducted interviews with all launch team members in advance of the November 27 Convening to identify history of challenges and best practices in the Department for complete streets implementation.

Themes from interviews were presented at the convening to frame discussion through the day.

# November 27 Launch Team Convening

## Purpose:

- Develop ideas about how the Center should function
- Identify and prioritize issues the Center could tackle
- Meet launch team members and begin to develop network of CS experts and champions



## Caltrans Complete Streets Center of Excellence Convening

November 27, 2018  
SACOG Rivers Rooms  
1415 L Street, Suite 300  
Sacramento, CA 95814

9:00a - 9:30a	<b>Arrival and refreshments</b>
9:30a - 10:00a	<b>Launch Team introductions</b> <i>Emiko Atherton, Smart Growth America</i> <ul style="list-style-type: none"><li>• What are you hoping to get out of this experience (one sentence)?</li></ul>
10:00a - 10:45a	<b>Framing the goals for and context of the Center of Excellence</b> <i>Ellen Greenberg, Deputy Director for Sustainability</i> <i>Jeanie Ward-Waller, Sustainability Program Manager</i>
10:45a - 12:00p	<b>Findings from interviews with the Launch Team</b> <i>Robbie Webber, State Smart Transportation Initiative</i> <ul style="list-style-type: none"><li>• Major themes and examples from the districts</li><li>• Group discussion</li></ul>
12:00p - 12:45p	<b>Lunch (provided)</b>
12:45p - 1:15p	<b>Group discussion: Opportunities and objectives for the Center of Excellence</b> <i>Darwin Moosavi, Sustainability Project Manager</i> <ul style="list-style-type: none"><li>• What help could you provide to others in the Department on Complete Streets implementation?</li><li>• What help could you use from others?</li></ul>
1:15p - 3:00p	<b>Rotating small group discussions</b> Small groups will rotate three times to brainstorm: <ul style="list-style-type: none"><li>• The structure and highest value activities for the Center</li><li>• Other issues that should be elevated to other parts of Caltrans</li></ul>
3:00p - 4:30p	<b>"Talk show" report-out and next steps</b> <i>Eric Sundquist, State Smart Transportation Initiative</i> <ul style="list-style-type: none"><li>• Each group discussion topic will have a talk show segment</li></ul>
4:30p	<b>Adjourn</b>

# Convening Takeaways: Ideas for Center Activities



# Convening Brainstorming Sessions

Launch Team members brainstormed ideas for near- and long-term Center activities in response to key questions:

- What are the highest value activities for the Center?
- What are the best ways to transfer knowledge and communicate across the Department?
- What are some of the primary barriers that the Center might influence that need steering committee support to change?

# Proposed Near-Term Center Activities

1. Develop a network of Complete Streets leaders: Launch Team members, experts from other disciplines, local partners
2. Identify and make available relevant walk/bike data
3. Train district staff (i.e. on walk and bike audits), and evaluation concepts from Chief Engineers PDQ Quarterly [Complete Streets Edition](#)
4. Update CS definition and DD-64 using asset management approach
5. Create “roadmap” for overcoming institutional challenges/barriers to CS and successful implementation at the project level
6. Raise key barriers to executive leadership



# Proposed Near-Term Center Activities

7. Develop educational content on complete streets
  - a. Center of Excellence website (link to it from other divisions websites)
  - b. Repository (video library?) of successful projects with staff leadership
  - c. Multi-disciplinary perspectives on complete streets
  - d. Directory of CS leaders who have overcome specific issues
  - e. Sample language for PIDs and TIPSIS statements
  - f. Sample maintenance agreements, standard maintenance practices for complete streets
  - g. Examples of previous design decision documents
  - h. Typical plans and cross-sections for complete streets facilities
  - i. Webinars, Mile Marker, other publications

# Proposed Mid-Term Center Activities

## Stay Tuned!

Ideas still being vetted by Complete Streets Executive Steering Committee





# Center of Excellence Launch schedule

- October 2018 – Identified and interviewed launch team
- November 27, 2018 – Held Launch Team in-person convening
- December 2018 – Developed action items from Launch Team input
- January-June 2019 – Implementation of early actions
- June 2019 (tentative) – SGA summary report delivered
- Fall 2019 – Officially launch Center of Excellence

Abigail Flores  
Caltrans Walk & Bike  
Technical Advisory Committee

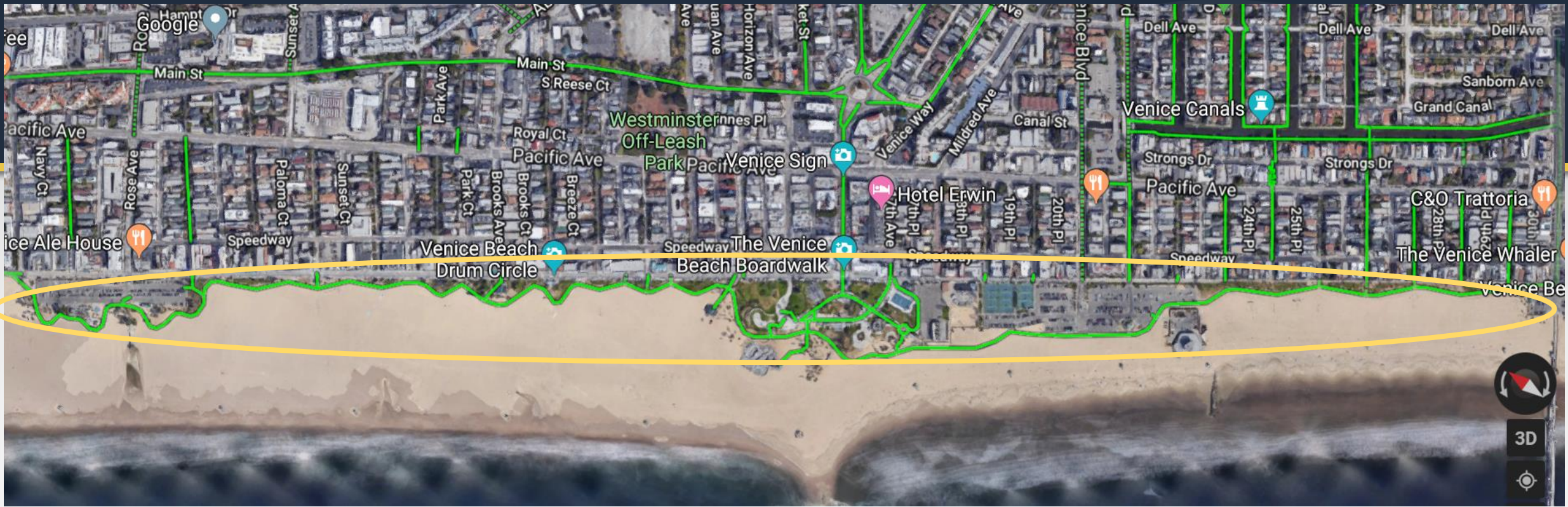
February 13, 2019

# Marvin Braude Bike Path



- 1.7 miles of bike path
- County maintained
- City of L.A.- Venice Beach





Class I – Separated bike path

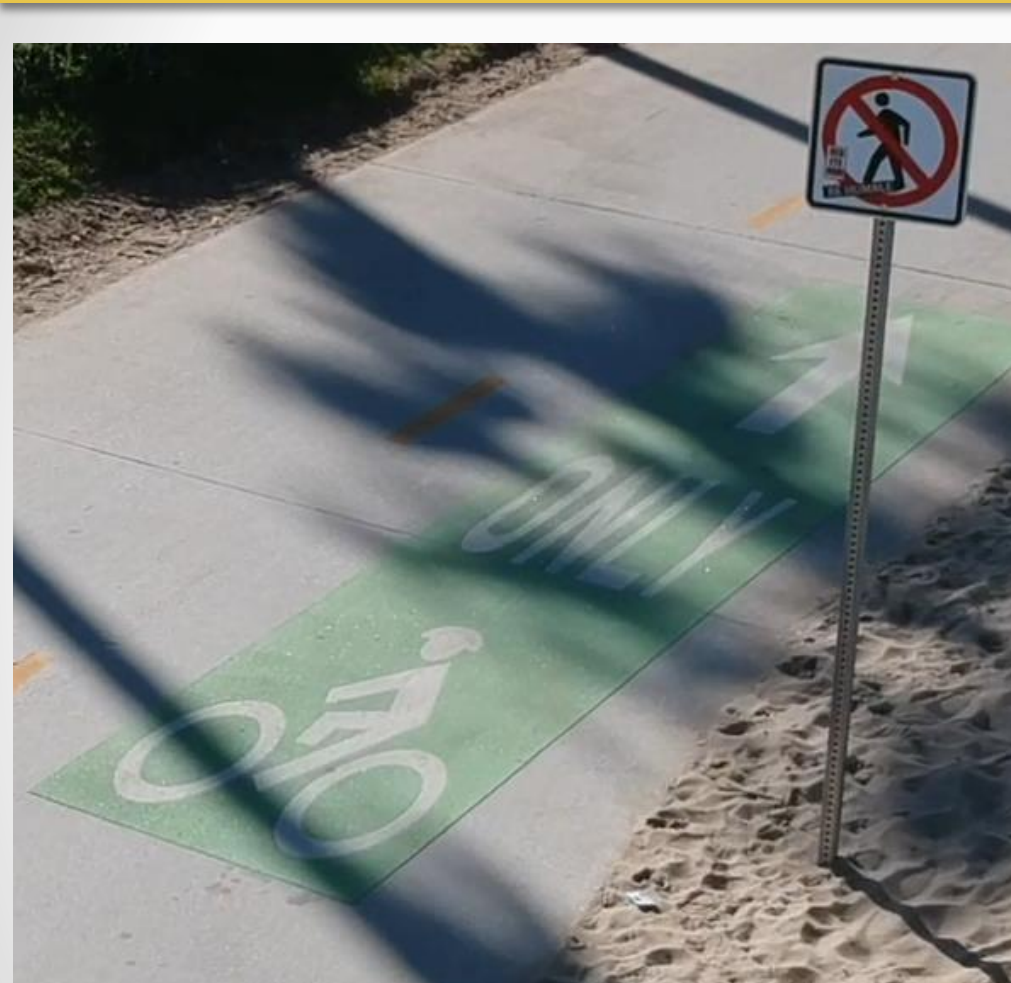


# Project Specifics



- Ped markings & background
- Pedestrian advance warning signs
- Green bike markings

# Project Specifics



- No peds signs
- No scooter signs



# Project Specifics



- Signs/bike racks

# Project Specifics



- Large curved crosswalks

# Project Specifics





# Project Specifics



- Class III to Class I transition
- Bike turning box

# Amsterdam Bike/moto weaving zone





# Questions?

Abigail Flores, P.E.

Los Angeles County Public Works

[abflores@dpw.lacounty.gov](mailto:abflores@dpw.lacounty.gov)

(626) 300-4782



# Wrap Up

# Future Meeting Focus Areas

- ~~• Overview of Caltrans org structure and process for project development and delivery~~
- ~~• District Active Transportation Plans – will revisit for updates~~
- **Design guidance**, including for rural roads outside of the main street context
- **DIB 89 – Protected bikeway guidance, including outstanding comments from CBAC**
- **Roadway speed, mechanisms for managing speed under Caltrans and under CHP jurisdictions**
- **New mobility issues and impacts to street design, first/last-mile transit connections – hear from a city that is already dealing with issues (SF, Santa Monica, Oakland, Portland, San Diego, SANDAG & Tucson attorney, San Jose**
- Complete streets asset classes for SHOPP
- Implementation and training on design guidance
- Data – volumes, ER visits, consistent methodology
- ~~• Center of Excellence for Complete Streets, supporting the role of engineering judgment – will revisit for updates~~
- Accommodation of people walking and bicycling during construction

# Future Meeting Focus Areas

- ~~Project Development Teams~~
- Data collection – Share data projects currently taking place at Caltrans
- Maintenance Agreements
- ~~Complete Streets Elements Toolbox~~
- Pre-planning stage “soft-guidance for making scoping decisions”
- ~~Location based needs assessment~~
- Main Street Guidance “flexibility of standards” – ex: size of light post. NEPA studies and the effects of requiring multiple phases. Making it difficult for local agencies to apply for grants
- Overview of Local Assistance
- Prioritize – New Mobility Issues
- AV Technology and actions Caltrans is currently taking
- US Bicycle Route
- ASHOTO Bike Guide, share when updated
- ASHTO Pedestrian Guide, share when updated



# Proposed 2019 Meeting Calendar

Wednesday, May 8th

Wednesday, August 14th

Wednesday, November 13th

# Wrap up

- Next steps/action items:
  - ??
- Feedback
  - What worked well in this meeting? What can we improve?
- Next meeting